

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows. Claims 1-21 are pending in the Application, and all of claims 1-21 were rejected in the Office action of December 30, 2005. Claims 1, 10, and 15 are independent claims. Claims 2-9, 11-14, and 16-21 depend either directly or indirectly from independent claims 1, 10, and 15, respectively.

Listing of Claims:

Claim 1. (Currently amended) In a data communication system having a plurality of mobile transceiver units communicative with a plurality of base transceiver units, one or more circuits comprising:

a network controller intercommunicative between the base transceiver units and one or more host computers for data interchange therebetween, having a port ~~means~~ and providing selection of one of a plurality of electrical interface standards for communication using said port ~~means~~, based upon user input.

Claim 2. (Currently amended) The ~~network controller~~ one or more circuits of claim 1 wherein

said controller includes means for interconnection of existing installed mobile transceiver units therewith.

Claim 3. (Currently amended) The ~~network controller~~ one or more circuits of claim 2 wherein

said controller communicates with said base transceiver units by an RS232C interface.

Claim 4. (Currently amended) The ~~network controller~~ one or more circuits of claim 1 wherein

said ~~network controller~~ one or more circuits ~~providing~~ provide a multiplicity of data communication ports thereon,

at least two of said communication ports being software-controllable to select among the plurality of electrical interface standards.

Claim 5. (Currently amended) The ~~invention~~ one or more circuits of claim 4 wherein at least one of said communication ports being communicative with a network of serially interconnected base transceiver units over a single twisted pair.

Claim 6. (Currently amended) The ~~invention~~ one or more circuits of claim 1 wherein at least a portion of said mobile transceiver units are communicative with said base transceiver units by spread spectrum means.

Claim 7. (Currently amended) The ~~invention~~ one or more circuits of claim 1 wherein at least a portion of said mobile transceiver units are communicative with said base transceiver units by synthesized frequency radio means.

Claim 8. (Currently amended) The ~~invention~~ one or more circuits of claim 5 wherein said network of base transceiver units is operable over an RS485 interface.

Claim 9. (Currently amended) The ~~invention~~ one or more circuits of claim 1 wherein said network controller providing a multiplicity of data communication ports thereon, at least three of said communication ports being software-controllable to select among the plurality of electrical interface ~~standards~~ standards.

at least two of said at least three communication ports being selectively controllable to communicate by RS232, RS422, RS485, and V.35 means.

Claim 10. (Currently amended) In a data communication system having a multiplicity of mobile portable transceiver units communicative by radio means with base transceiver units, an apparatus for data interchange between said base transceiver units and a host computer comprising:[[,]]

a housing having a multiplicity of communication ports thereon,

at least three of said communication ports selectively controllable to provide data interchange using an RS232 electrical interface standard, based upon user input,

at least two of said communication ports selectively controllable to provide data interchange using a RS422 electrical interface standard, based upon user input.

Claim 11. (Original) The apparatus of claim 10 wherein,

at least one of said communication ports selectively controllable to provide data interchange by a V.35 interface.

Claim 12. (Original) The apparatus of claim 10 wherein,

said at least two communication ports are selectively controllable to provide data interchange by a RS485 interface.

Claim 13. (Original) The apparatus of claim 10 wherein more than one host computer may be interconnected to said data communication system.

Claim 14. (Original) The apparatus of claim 10 wherein,

a number of said multiplicity of communication ports are dedicated to interconnection to host computers and the remainder of said communicative parts are interconnectable with base transceiver units.

Claim 15. (Currently amended) An ~~improved~~ apparatus for ~~collecting~~ capturing, transmitting and processing data, ~~stored in a code, such as a bar code~~, said apparatus including ~~an portable code reader~~ image capture device ~~with~~ and processing and transmitting units for radiating information in the form of electromagnetic waves, a stationary receiver ~~physically separated from the code reader~~, and a data processor coupled to the stationary receiver, ~~wherein the improvement comprises~~ comprising:

a network controller member having a multiplicity of communication ports thereon,

said network controller member intercommunicative with said data processor at one of said communication ports,

said network controller member intercommunicative with said stationary receiver at another of said communication ports,

said network controller member selectively operable with said data processor using one of a plurality of electrical interface standards, based upon user input.

Claim 16. (Currently amended) The ~~invention~~ apparatus of claim 15 wherein said network controller member selectively operable with said stationary receiver at one or more communication rates.

Claim 17. (Currently amended) The ~~invention~~ apparatus of claim 15 wherein said network controller selectively intercommunicative with a diagnostic device over one of said communication ports.

Claim 18. (Currently amended) The ~~invention~~ apparatus of claim 15 wherein a second data processor associated with said network controller and intercommunicative therewith.

Claim 19. (Currently amended) The ~~invention~~ apparatus of claim 15 wherein a multiplicity of stationary receivers intercommunicative with said network controller.

Claim 20. (Currently amended) The ~~invention~~ apparatus of claim 15 wherein said network controller selectively operable to communicate with said data processor at more than one data transfer rate.

Claim 21. (Currently amended) The ~~invention~~ apparatus of claim 15, wherein the plurality of electrical interface standards comprises an RS232 standard, an RS422 standard, an RS485 standard, and a V.35 standard.